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# **ENERGY DEVELOPMENTS, INC.**

**“Selling Landfill Methane Power Across the U.S.”**

**Sixth National  
Green Power Marketing Conference**

**August 1, 2001**



# BACKGROUND

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- Energy Developments Limited (“EDL”) commenced operation in 1988 and has established itself as a market leader in independent power generation utilizing renewable fuels.
- EDL owns and operates 32 power plants in the U.S., Australia, the United Kingdom, and Taiwan with a combined generating capacity of over 300 MW. Over one-third of this installed capacity is landfill methane generation.
- In 1998 EDL’s U.S. subsidiary, Energy Developments, Inc. (“EDI”) acquired the rights to develop energy generating facilities at 34 landfills.
- At present, EDI is operating and constructing landfill gas power projects in the U.S. exceeding 50 MW with several projects in advanced stages of development.



# EDI PROJECT SITES IN THE USA



# OHIO

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- Four landfill gas power projects supporting 35 MW contract with AMP - Ohio.
- 2.6 MW Ottawa County project - exported power 2/01.
- 3.9 MW Model project - exported power 3/01.
- 7.8 MW Lorain County project - scheduled to export power 3rd quarter 2001.
- 13.0 MW Carbon Limestone project - scheduled to export power 4th quarter 2001

# OTTAWA COUNTY

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# MODEL

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# TEXAS

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- Three landfill gas power projects supporting 18 MW contract with the City of Austin.
- 5.2 MW Tessman Road project - scheduled to export power Feb/02.
- 2.6 MW Hutchins project - scheduled to export power June/02.
- 2.6 MW Whispering Pines project - scheduled to export power June/02.
- Remaining 7.6 MW to be delivered June/03.
- Executed additional PPA for all electrical generation using landfill gas in Texas and Louisiana.

# **PROJECTS IN ADVANCED DEVELOPMENT**

## ■ California

- Developing 2.6 MW Keller Canyon project under an executed PPA.
- Pursuing additional sites for additional sales under executed PPA.

## ■ Georgia

- Executed two letters of intent for up to 20 MW



# US MARKET

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	<u>1981-2000</u>	<u>2001-2006</u>
Electrical Projects	215	200
Total Megawatts	885	600

Sources: LMOP/SWANA

# CHALLENGES

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- Electricity prices: volatile; declining in some markets.
- Transmission / Interconnect issues.
- Value of the green premium in different markets.
- Consumer awareness.
- Section 45 Tax Credits.
- Environmental / Permitting.
- “Green-e” certification.